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SEQUENCE LISTING

202002											
<110> Bandaru, Rajasekhar Meyers, Rachel A.											
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548

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	cat His															836
	gtc Val															884
	atg Met															932
	gga Gly 200															980
	gga Gly															1028
	gaa Glu															1076
	act Thr															1124
	ctg Leu															1172
-	atc Ile 280			_	_											1220
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Gln Arg Lys Gln Ala Thr Asn Asn Glu Ala Lys Asn Gly Ile
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Leu Trp Asp Ile Asn Thr Gln Ser Asn Glu Glu Thr Ala Gly Met Val
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Arg His Ile Tyr Arg Asp Leu Glu Ala Ala Asp Ala Ala Ala Leu Gln
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Ala Gly Asn Gly Glu Glu Ile Leu Pro His Cys Asn Leu Gln Val
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Phe Thr Tyr Thr Cys Asp Val Gly Lys Arg Glu Asn Val Tyr Leu Thr
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                        135
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Asn Ala Gly Val Val Ser Gly His His Leu Leu Glu Cys Pro Asp Glu
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Arg Lys Glu Ile Glu Pro Phe Leu Pro Pro Leu Lys Pro Asp Tyr Cys
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Phe Glu Ala Val Val Cys Met Tyr Arg Phe Leu Gly Ala Asp Lys Cys
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420

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Ala Val Glu Leu Asp Ser Glu Ser Arg Tyr Pro Gln Ala Leu Val Cys	552 600
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Ala Val Glu Leu Asp Ser Glu Ser Arg Tyr Pro Gln Ala Leu Val Cys 50 tac caa gag ggg att gat ctg ctc ctg cag gtt ctg aaa ggt acc aaa Tyr Gln Glu Gly Ile Asp Leu Leu Gln Val Leu Lys Gly Thr Lys 65 70 gat aat act aag aga tgt aat ctc aga gaa aaa att tcc aaa tac atg Asp Asn Thr Lys Arg Cys Asn Leu Arg Glu Lys Ile Ser Lys Tyr Met	600

Gly Lys Tyr His Lys Gln Ile Lys Ile Glu Glu Asn Ala Thr Gly Phe 115 120 125									
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Thr Lys Arg Cys Asn Leu Arg Glu Lys Ile Ser Lys Tyr Met Asp Arg
Ala Glu Asn Ile Lys Lys Tyr Leu Asp Gln Glu Lys Glu Asp Gly Lys
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Tyr His Lys Gln Ile Lys Ile Glu Glu Asn Ala Thr Gly Phe Ser Tyr
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Glu Ser Leu Phe Arg Glu Tyr Leu Asn Glu Thr Val Thr Glu Val Trp
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Ile Glu Asp Pro Tyr Ile Arg His Thr His Gln Leu Tyr Asn Phe Leu
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Arg Phe Cys Glu Met Leu Ile Lys Arg Pro Cys Lys Val Lys Thr Ile
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His Leu Leu Thr Ser Leu Asp Glu Gly Ile Glu Gln Val Gln Gln Ser
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Leu Glu Val Gln Tyr Ser Ser Ser Ile His Asp Arg Glu Ile Arg Phe
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Asn Asn Gly Trp Met Ile Lys Ile Gly Arg Gly Leu Asp Tyr Phe Lys
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Lys Pro Gln Ser Arg Phe Ser Leu Gly Tyr Cys Asp Phe Asp Leu Arg
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Leu Gly Gly Asn Asp Lys Asp Arg Ala Leu Ala Ile Gln Leu Asp Val
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Thr Asp Glu Glu Ser Val Lys Ala Ala Val Glu Gln Ala Val Glu Arg
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Leu Gly Arg Gly Leu Asp Val Leu Val Asn Asn Ala Gly Gly Ile Ile
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Asp Trp Asp Arg Val Ile Asp Val Asn Leu Thr Gly Val Phe Leu Leu
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Arg Ile Val Asn Ile Ser Ser Val Ala Gly Arg Lys Glu Gly Gly Leu
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Val Gly Val Pro Gly Gly Ser Ala Tyr Ser Ala Ser Lys Ala Ala Val
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Ile Asn Gly Lys Leu Met Leu Gly Glu Val Val Ser His Val Ser Ile
Asp Glu Asn Asp Thr Gly Phe Asp Tyr Asp Gln Leu Phe Gly Lys Tyr
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Met Asp Asp Lys Thr Val Glu Ile Met Leu Glu Glu Pro Tyr Met Thr
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Asp Ser Leu His Asp Arg Lys Ile Tyr Leu Ser Asn Gly Tyr Ile Ile
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Lys Ile Gly Arg Gly Leu His Phe Tyr Lys Pro Ala Asn Pro Met Tyr
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Val Asp Ile Trp
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Arg Ala Lys Cys Thr Glu Tyr Leu Asp Arg Ala
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